

Status of the Claims

1. (Currently Amended) ~~An identity-based service~~ A system, comprising:

at least one principal first entity comprising any of a user, a user agent and
5 a principal ~~at least one identity comprising user information;~~

~~a basic~~ an authentication agency for ~~managing at least one identity for the~~
principal, and for authenticating the principal;

means for sending a login request from the first entity to the authentication
agency;

10 means for receiving an assertion at the first entity from the authentication
agency in response to the log in request;

means for authenticating the first entity at a participant with the received
assertion;

means for sending a request for service on behalf of the first entity from a
15 second entity comprising any of the participant and a service consumer
associated with the participant to any of the authentication agency and a
discovery service associated with the authentication agency, using the assertion;
and

means for an sending an authorization from the ~~a system entity which is~~
20 ~~accessible by the principal, based on an authentication of the principal by the~~
~~basic~~ authentication agency to the second entity for the requested service in
response to the sent request if the first entity is enabled for the requested
service, and based on retrieval of at least a portion of user information from the
basic authentication agency.

25 2. (Currently Amended) The ~~identity-based service~~ system of Claim 1, further
comprising:

at least one identity associated with the first entity, and user information
associated with at least one of the identities; and

30 at least one core service associated with the system and related to at least
a portion of the user information.

3. (Currently Amended) The ~~identity-based service~~ system of Claim 2, wherein the core service is accessible by the first entity user, ~~based on an authentication of the principal by the basic authentication agency.~~

5 4. (Currently Amended) The ~~identity-based service~~ system of Claim 2, wherein the core service is accessible by the participant system entity, ~~based on an authentication of the principal by the basic authentication agency.~~

10 5. (Currently Amended) The ~~identity-based service~~ system of Claim 2, wherein the core service is associated with one or more core service providers.

6. (Currently Amended) The ~~identity-based service~~ system of Claim 2, wherein the core service comprises any of an authentication service, a profile service, an alert service, a calendar service, an address book service and a wallet service.

15 7. (Currently Amended) The ~~identity-based service~~ system of Claim 1, wherein the ~~basic authentication agency~~ further comprises means for translating namespaces, such that a user identity of ~~a principal~~ the first entity in a first namespace is translatable to a user identity in a second namespace.

20 8. (Currently Amended) The ~~identity-based service~~ system of Claim 7, wherein the user identity in the second namespace is encrypted.

25 9. (Currently Amended) The ~~identity-based service~~ system of Claim 7, wherein the user identity in the second namespace is time-bound.

10. (Currently Amended) The ~~identity-based service~~ system of Claim 1, wherein a user identity is associated with the first entity, and wherein the system further comprises comprising:

30 at least one core authentication record associated with the user identity, comprising any of services and links associated with the user identity.

11. (Currently Amended) An ~~identity-based service~~ system, comprising:

~~a basic~~ an authentication agency for managing an identity for a user authenticating at least one first entity comprising any of a user, a user agent and a principal, and for sending assertions to the first entities; and

5 at least one second entity comprising

means for receiving the assertions from the first entities,

means for authenticating the first entities at the second entity with the received assertions,

10 means for sending requests for service on behalf of the first entities to any of the authentication agency and a discovery service associated with the authentication agency, using the received authentication information from said first entities,

15 means for discovering a service descriptor for the user, based on a received user identifier and a service name receiving authorizations sent from the basic authentication agency in response to the sent requests if the first entities are enabled for the requested services; and

whereby at least one web means for invoking the requested authorized services with the received authorizations service is accessible, based upon the discovered service descriptor and the name identifier.

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12. (Currently Amended) The ~~identity-based service~~ system of Claim 11, further comprising:

25 a discovery module associated with the basic authentication agency and adapted to receive a user identifier associated with the user first entity and a service name known to the system.

13. (Currently Amended) The ~~identity-based service~~ system of Claim 11, further comprising:

30 at least one core service associated with the system and related to the user first entity.

14. (Currently Amended) The ~~identity-based service~~ system of Claim 13, wherein the core service is accessible by the first entity user, ~~based on a system authentication of the principal at the basic authentication agency.~~

5 15. (Currently Amended) The ~~identity-based service~~ system of Claim 13, wherein the core service is accessible by a system the second entity, ~~based on an authentication of the principal at the basic authentication agency.~~

10 16. (Currently Amended) The ~~identity-based service~~ system of Claim 13, wherein the core service is associated with one or more core service providers.

15 17. (Currently Amended) The ~~identity-based service~~ system of Claim 13, wherein the core service comprises any of an authentication service, a profile service, an alert service, a calendar service, an address book service and a wallet service.

20 18. (Currently Amended) The ~~identity-based service~~ system of Claim 11, wherein the ~~basic~~ authentication agency further comprises means for translating namespaces, such that a user identity of a principal first entity in a first namespace is translatable to a user identity in a second namespace.

19. (Currently Amended) The ~~identity-based service~~ system of Claim 18, wherein the user identity in the second namespace is encrypted.

25 20. (Currently Amended) The ~~identity-based service~~ system of Claim 18, wherein the user identity in the second namespace is time-bound.

30 21. (Currently Amended) The ~~identity-based service~~ system of Claim 11, wherein an identity is associated with the first entity, and wherein the system further comprises comprising:

at least one core authentication record associated with the identity, comprising any of services and links associated with the identity.

22. (Currently Amended) The system of Claim 11, wherein the principal first entity is located at a device linked to the ~~identity-based service~~ system.

5 23. (Currently Amended) ~~An identity-based service~~ A process, comprising the steps of:

~~providing a basic~~ sending a login request from a first entity to an authentication agency for managing an identity for a user, the first entity comprising any of a user, a user agent and a principal;

10 receiving an assertion at the first entity from the authentication agency in response to the log in request ~~a user identifier associated with the user and a service name known to the system;~~

authenticating at a participant through the first entity with the received assertion;

15 discovering ~~sending a request for a service descriptor for on behalf of the user, based on a received user identifier and a service name~~ first entity from a second entity comprising any of the participant and a service consumer associated with the participant to any of the authentication agency and a discovery service associated with the authentication agency, using the assertion;

20 and

~~controllably authenticating access to a~~ sending an authorization from the authentication agency to the second entity for the requested service in response to the sent request if the principal is enabled for the requested service, ~~based upon the receipt of the discovered service descriptor and the name identifier.~~

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24. (Currently Amended) The process of Claim 23, further comprising the step of:

establishing at least one core service associated with the system and related to the user first entity.

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25. (Currently Amended) The process of Claim 24, wherein the core service is accessible by the first entity user, ~~based on a system authentication of the principal at the basic authentication agency.~~

5 26. (Currently Amended) The process of Claim 24, wherein the core service is accessible by the participant ~~a system entity, based on an authentication of the principal at the basic authentication agency.~~

10 27. (Original) The process of Claim 24, wherein the core service is associated with one or more core service providers.

15 28. (Currently Amended) The process of Claim 23, wherein the core service comprises any of an authentication service, a profile service, an alert service, a calendar service, an address book service and a wallet service.

20 29. (Currently Amended) The process of Claim 23, further comprising the step of:

translating namespaces, such that a user identity of a ~~principal~~ first entity in a first namespace is translated to a user identity in a second namespace.

30 30. (Original) The process of Claim 29, further comprising the step of:
encrypting the user identity in the second namespace.

25 31. (Original) The process of Claim 29, wherein the user identity in the second namespace is time-bound.

32. (Currently Amended) The process of Claim 23, further comprising the step ~~steps~~ of:

30 establishing at least one identity associated with the first entity; and
associating at least one core authentication record with the established identity, comprising any of services and links associated with the established identity.

33. (Currently Amended) A process, comprising the steps of:

providing a ~~basic~~ an authentication agency networked to a service having a ~~service name~~;

establishing an identity at the ~~basic~~ authentication agency for a principal
5 first entity comprising any of a user, a user agent and a principal, comprising
information and a name identifier for a user;

sending authentication information from the authentication agency to the
first entity;

authenticating the first entity at a participant with the authentication
10 information;

sending a request for a service on behalf of the principal from a second
entity comprising any of the participant and a service consumer associated with
the participant to any of the authentication agency and a discovery service
associated with the authentication agency;

15 sending an authorization from the authentication agency to the second
entity to access the service on behalf of the first entity if the first entity is enabled
for the service by the authentication agency; and

establishing a link between the principal second entity and the service by
the ~~basic authentication agency~~, based upon a receipt of a user identifier and a
20 ~~service name~~ the authorization.

34. (New) The process of Claim 33, wherein the second entity comprises any of a network site, a service provider and a store.

25 35. (New) The process of Claim 33, wherein the authorization comprises a service descriptor and a service assertion, wherein the service descriptor comprises means for locating the requested service and wherein the service assertion comprises a credential to establish the link.

30 36. (New) The system of Claim 1, further comprising:

means for invoking the requested service through the second entity using the authorization.

37. (New) The system of Claim 1, wherein the participant comprises any of a network site, a service provider and a store.

5 38. (New) The system of Claim 1, wherein the request for service comprises a service descriptor and a service assertion, wherein the service descriptor comprises means for locating the requested service, and wherein the service assertion comprises a credential to access the requested service.

10 39. (New) The system of Claim 1, wherein at least one identity is associated with the first entity, comprising any of a personal identity, a business identity and an anonymous identity.

15 40. (New) The system of Claim 11, wherein the second entity comprises any of a network site, a service provider and a store.

20 41. (New) The system of Claim 11, wherein the authorizations comprise a service descriptor and a service assertion, wherein the service descriptor comprises means for locating the requested service, and wherein the service assertion comprises a credential to access the requested service.

25 42. (New) The system of Claim 11, wherein at least one identity is associated with the first entity, comprising any of a personal identity, a business identity and an anonymous identity.

43. (New) The process of Claim 23, further comprising the step of:
invoking the requested service through the second entity using the authorization.

30 44. (New) The process of Claim 23, wherein the participant comprises any of a network site, a service provider and a store.

45. (New) The process of Claim 23, wherein the authorization comprises a service descriptor and a service assertion, wherein the service descriptor comprises means for locating the requested service and wherein the service assertion comprises a credential to invoke the requested service.

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46. (New) The process of Claim 23, wherein at least one identity is associated with the first entity, comprising any of a personal identity, a business identity and an anonymous identity.